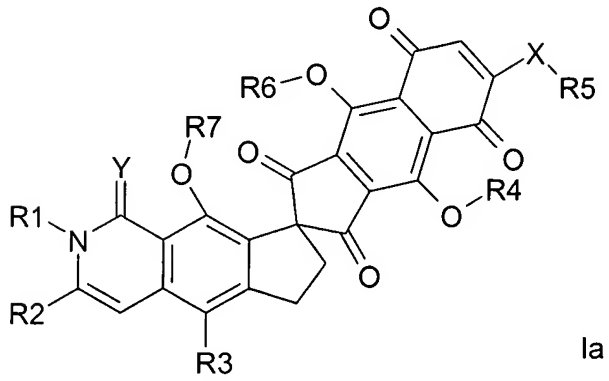
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

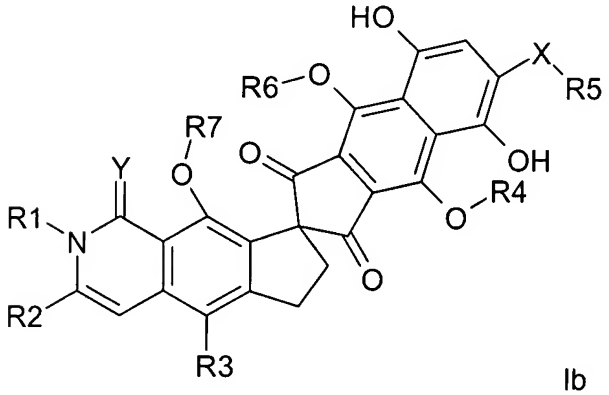
LISTING OF CLAIMS

Claims

1. (Original) The compounds according to the general formula Ia or Ib:



Ia

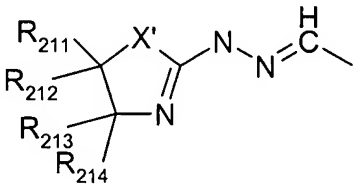


Ib

wherein in each,

R1 means H, C_1-C_6 alkyl, cycloalkyl, C_1-C_4 alkylcycloalkyl,

R2 means C_1-C_{14} alkyl, C_2-C_{14} alkenyl, 1,3-butadienyl, 1-butane, C_1-C_4 alkylaryl, heteroaryl, C_1-C_4 alkylheteroaryl, cycloalkyl, C_1-C_4 alkyl-cycloalkyl, heterocycloalkyl, C_1-C_4 alkylheterocycloalkyl, $C_mH_{2m+o-p}Y_p$ (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently from each other selected from the group consisting of halogen, OH, OR21, NH_2, NHR21, NR21R22, SH, SR21), $CH_2NHCOR21$, $CH_2NHCSR21$, $CH_2S(O)nR21$, with n = 0, 1, 2, $CH_2SCOR21$,

CH_2OSO_2-R21, CHO, CH=NOH, CH(OH)R21, -CH=NOR21, -CH=NOCOR21, -CH=$NOCH_2CONR21R22$, -CH=$NOCH(CH_3)CONR21R22$, -CH=$NOC(CH_3)_2CONR21R22$, -CH=N-NHCO-R23, -CH=N-$NHCO-CH_2NHCOR21$, -CH=N-$O-CH_2NHCOR21$, -CH=N-NHCS-R23, -CH=CR24R25 (trans or cis), COOH, COOR21, CONR21R22, -CH=NR21, -CH=N-NR21R22,  , (with X' = NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C_1-C_6 alkyl), -CH=N-$NHSO_2$ aryl, -CH=N-$NHSO_2$ heteroaryl,

R21, R22 are independently from each other C_1-C_{14} alkyl, C_1-C_{14} alkanoyl, C_1-C_6 alkylhydroxy, C_1-C_6 alkylamino, C_1-C_6 alkylamino-C_1-C_6 alkyl, C_1-C_6 alkylamino-di-C_1-C_6 alkyl, cycloalkyl, C_1-C_4 alkylcycloalkyl, heterocycloalkyl, C_1-C_4 alkylheterocycloalkyl, aryl, aryloyl, C_1-C_4 alkylaryl, heteroaryl, heteroaryloyl, C_1-C_4 alkylheteroaryl, cycloalkanoyl, C_1-C_4 alkanoylcycloalkyl, heterocycloalkanoyl, C_1-C_4 alkanoylheterocycloalkyl, C_1-C_4 alkanoylaryl, C_1-C_4 alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

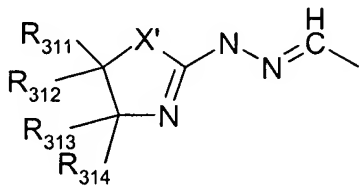
R23 independently of R21, has the same meanings as R21, or CH_2-pyridinium salts, CH_2-tri-C_1-C_6 alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, $COCH_3$, COOH, COOR21, CONR21R22, NH_2, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, $COCH_3$, COOH, COOR21, CONR21R22, NH_2, NHCOR21,

R24, R25 together mean C_4-C_8 cycloalkyl,

R3 means C_2-C_{14} alkyl, C_2-C_{14} alkenyl, C_2-C_{14} alkinyl, aryl, C_1-C_4 alkylaryl, heteroaryl, C_1-C_4 alkylheteroaryl, wherein the aryls or heteroaryls may be substituted with another aryl, C_1-C_4 alkylaryl, O-aryl, C_1-C_4 alkyl-O-aryl, heteroaryl, C_1-C_4 alkylheteroaryl, O-heteroaryl or C_1-C_4 alkyl-O-heteroaryl,
cycloalkyl, C_1-C_4 alkylcycloalkyl, heterocycloalkyl, C_1-C_4 alkylheterocycloalkyl, $C_mH_{2m+o-p}Y_p$ (with m = 2 to 6, for o = 1, -1, p = 1 to 2m+o; for m = 4 to 6, o = -3, p = 1 to 2m+o; Y = independently from each other selected from the group consisting of halogen, OH, OR31, NH_2, NHR31, NR31R32, SH, SR31), $CH_2NHCOR31$, $CH_2NHCSR31$, $CH_2S(O)nR31$, with n = 0, 1, 2, $CH_2SCOR31$, CH_2OSO_2-R31, CHO, CH=NOH, CH(OH)R31, -CH=NOR31, -CH=NOCOR31, -CH=NOCH$_2$CONR31R32, -CH=NOCH(CH_3)CONR31R32, -CH=NOC(CH_3)$_2$CONR31R32, -CH=N-NHCO-R33, -CH=N-NHCO-CH_2NHCOR31, -CH=N-O-CH_2NHCOR31, -CH=N-NHCS-R33, -CH=CR34R35 (trans or cis), COOH,



COOR31, CONR31R32, -CH=NR31, -CH=N-NR31R32, ,
(with X' = NR315, O, S, and R311, R312, R313, R314, R315 being independently from each other H or C_1-C_6 alkyl), -CH=N-NHSO$_2$ aryl, -CH=N-NHSO$_2$- heteroaryl,

R31, R32 mean independently from each other C_1-C_{14} alkyl, C_1-C_{14} alkanoyl, C_1-C_6 alkylhydroxy, C_1-C_6 alkylamino, C_1-C_6 alkylamino-C_1-C_6 alkyl, C_1-C_6 alkylamino-di-C_1-C_6 alkyl, cycloalkyl, C_1-C_4 alkylcycloalkyl, heterocycloalkyl, C_1-C_4 alkylheterocycloalkyl, aryl, aryloyl, C_1-C_4 alkylaryl, heteroaryl, heteroaryloyl, C_1-C_4 alkylheteroaryl, cycloalkanoyl, C_1-C_4 alkanoylcycloalkyl, heterocycloalkanoyl, C_1-C_4 alkanoylheterocycloalkyl, C_1-C_4 alkanoylaryl, C_1-C_4 alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

R33 independently of R31, has the same meanings as R31, or CH_2-pyridinium salts, CH_2-tri-C_1-C_6 alkylammonium salts,

R34 independently of R21, has the same meanings as R31, or H, CN, $COCH_3$, COOH, COOR21, CONR31R32, NH_2, NHCOR31,

R35 independently of R31, has the same meanings as R31, or H, CN, $COCH_3$, COOH, COOR31, CONR31R32, NH_2, NHCOR31,

R34, R35 together mean C_4-C_8 cycloalkyl,

R5 means H, C_1-C_6 alkyl, cycloalkyl, C_1-C_4 alkylcycloalkyl, heterocycloalkyl, C_1-C_4 alkylheterocycloalkyl, aryl, C_1-C_4 alkylaryl, heteroaryl, C_1-C_4 alkylheteroaryl,

R4, R6, R7 independently from each other mean H, C_1-C_6 alkyl, CO-R41,

R41 independently of R21, has the same meanings as R21,

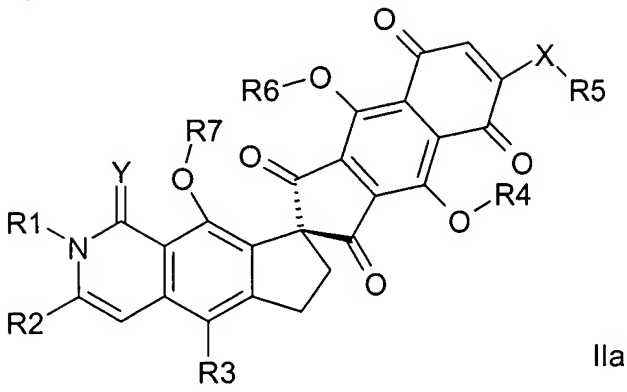
X means O, S, NH, N-R8, wherein R8 independently from R5 may adopt the same meaning as R5, or R5 and R8, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, S,

or X-R5 may together be H,

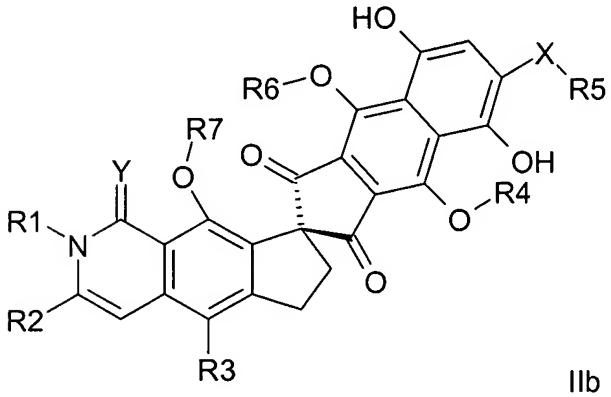
Y means O, S, NR9, wherein R9 may be H or C_1-C_6 alkyl,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

2. (Original) The compounds according to claim 1, wherein Formula Ia or Ib adopt the stereochemistry of Formula IIa or IIb



IIa



IIb

3. (Currently amended) The compounds of the general Formula ~~Ia, Ib, IIa or IIb according to claim 1 or 2~~ Ia or Ib according to claim 1, wherein the residues R, except R3, have the meanings indicated in the previous claims, and wherein R3 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R3 being H, with all other residues being maintained.

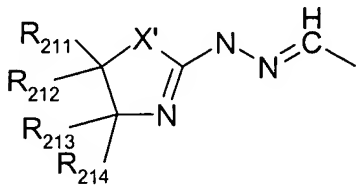
4. (Currently amended) The compounds of the general Formula ~~Ia, Ib, IIa or IIb according to claim 1 or 2~~ Ia or Ib according to claim 1, wherein the residues R, except R2, have the meanings indicated in the previous claims, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or

even five hundred times higher compared to R2 being CH=CH-CH=CH-CH_3, with all other residues being maintained.

5. (Currently amended) The compounds according to ~~one of the claims 1 to 5~~ claim 1, wherein

R1 means H, C_1-C_5 alkyl, cycloalkyl, especially H,

R2 means C_1-C_5 alkyl, C_1-C_4 alkylaryl, C_2-C_5 alkenyl, heteroaryl, C_1-C_4 alkylheteroaryl, CHF_2, CF_3, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH_3, CHOH-CHOH-CH=CH-CH_3, CH=CH-CHOH-CHOH-CH_3, CH_2Y (Y = F, Cl, Br, I), CH_2NH_2, $CH_2NR21R22$, $CH_2NHCOR23$, $CH_2NHCSR23$, CH_2SH, $CH_2S(O)nR21$, with n = 0, 1, 2, $CH_2SCOR21$, particularly CH_2OH, CH_2OR21, CH_2OSO_2-R21, particularly CHO, $CH(OR21)_2$, $CH(SR21)_2$, CN, CH=NOH, CH=NOR21, CH=NOCOR21, CH=N-NHCO-R23, CH=CR24, R25 (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR21, CONR21R22, -CH=NR21, -CH=N-NR21R22,



, (with X' = NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C_1-C_6 alkyl), -CH=N-$NHSO_2$-aryl, -CH=N-$NHSO_2$-heteroaryl, CH=N-NHCO-R23,

R21, R22 independently from each other mean C_1-C_6 alkyl, cycloalkyl, aryl, C_1-C_4 alkylaryl, heteroaryl, C_1-C_4 alkylheteroaryl,

R23 independently of R21, has the same meanings as R21, or CH_2-pyridinium salts, CH_2-tri-C_1-C_6 alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, $COCH_3$, COOH, COOR21, CONR21R22, NH_2, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, $COCH_3$, COOH, COOR21, CONR21R22, NH_2, NHCOR21,

R24, R25 together mean C_4-C_8 cycloalkyl,

R3 means C_2-C_{14} alkyl, C_2-C_{14} alkenyl, C_2-C_{14} alkinyl, aryl, C_1-C_4 alkylaryl, heteroaryl, C_1-C_4 alkylheteroaryl, wherein the aryls or heteroaryls may be substituted with another aryl, C_1-C_4 alkylaryl, O-aryl, C_1-C_4 alkyl-O-aryl, heteroaryl, C_1-C_4 alkylheteroaryl, O-heteroaryl or C_1-C_4 alkyl-O-heteroaryl,

R5 means H, C_1-C_3 alkyl, cycloalkyl,

R4, R6, R7 independently from each other mean H, C_1-C_5 alkyl, CO-R41,

R41 independently of R21, has the same meanings as R21,

X means O, S, NH, N-R8,

Y means O, S, NH.

6. (Currently amended) The compounds according to ~~one of the claims 1 to 5~~ claim 1 in the form of their inclusion compounds with cyclodextrin, particularly alpha cyclodextrin.

7. (Currently amended) Drugs containing compounds according to ~~one of the claims 1 to 6~~ claim 1, as well as the usual carrier and adjuvants.

8. (Original) Drugs according to claim 7 in combination with further agents for tumor treatment.

9. (Currently amended) The use of compounds according to ~~one of the claims 1 to 6~~ claim 1 for preparation of drugs for tumor treatment, particularly of those that can be treated by inhibition of the topoisomerases I and/or II.

10. (Currently amended) The use of compounds according to ~~one of the claims 1 to 6~~ claim 1 for preparation of drugs for treatment of parasites.

11. (Currently amended) The use of compounds according to ~~one of the claims 1 to 6~~ claim 1 for preparation of drugs for immunosuppression.

12. (Currently amended) The use of compounds according to ~~one of the claims 1 to 6~~ claim 1 for preparation of drugs for treatment of neurodermitis.

13. (New) The compounds of the general Formula IIa or IIb according to claim 2, wherein the residues R, except R3, have the meanings indicated in the previous claims, and wherein R3 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R3 being H, with all other residues being maintained.

14. (New) The compounds of the general Formula IIa or IIb according to claim 2, wherein the residues R, except R2, have the meanings indicated in the previous claims, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R2 being $CH{=}CH\text{-}CH{=}CH\text{-}CH_3$, with all other residues being maintained.